

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM NO. CI-8609
FOR
PLAYA CAPITAL COMPANY, LLC
FORMER TEST SITE 2 – PLAYA VISTA PROJECT**

**ENROLLMENT UNDER GENERAL WDR ORDER NO. R4-2002-0030 (SERIES NO. 032)
SLIC NO. 0773**

I. REPORTING REQUIREMENTS

- A. Playa Capital Company, LLC, (hereinafter Discharger) shall implement this monitoring program on the effective date of this enrollment (July 15, 2003) under Regional Board Order No. R4-2002-0030 (Series No. 032). The first monitoring report under this Program is due by October 15, 2003.

Monitoring reports shall be received by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15

- B. If there is no discharge or injection, during any reporting period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
- C. By March 1 of each year, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the waste discharge requirements.
- D. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements. This section shall be located at the front of the report and shall clearly list all non-compliance with discharge requirements, as well as all excursions of effluent limitations.

July 15, 2003

- E. The Discharger shall comply with requirements contained in Section G. of Order No. R4-2002-0030 *"Monitoring and Reporting Requirements"* in addition to the aforementioned requirements.

II. LACTATE INJECTION MONITORING REQUIREMENTS

The quarterly reports shall contain the following information regarding injection activities:

1. Location Map showing groundwater extraction trench wells and injection points used for the lactate amendment solution:
2. Written and tabular summary defining quantity of lactate amendment solution and buffer solution injected per month to the infiltration gallery and summary describing the days on which the injection system has been operating.

III. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program shall be implemented to detect and evaluate the impacts beyond the infiltration gallery zone (Monitoring Well Nos. C133 (Ballona Well 1), C134 (Ballona Well 2), and C128). Groundwater monitoring shall also be implemented to evaluate the effectiveness of the lactate injection activities and the insitu bioremediation in the infiltration gallery operational zone (Monitoring Well Nos. PZ-1,2,3(a,b,c,d) and IG-1 through 8). The monitoring data required for Monitoring Well Nos. PZ-1,2,3(a,b,c,d) and IG-1 through 8 will also be included in the Quarterly Progress Reports noted below in section IV and will be evaluated by the Remediation Section. The following table shall constitute the monitoring program for these wells (see Figure 1).

<u>CONSTITUENT</u>	<u>UNITS*</u>	<u>TYPE OF SAMPLE</u>	<u>MINIMUM FREQUENCY OF ANALYSIS</u>
Chlorinated Volatile Organic Compounds (EPA Method 8260B)	µg/l	grab	Quarterly
Total Organic Carbon (EPA Method 9060 Modified)	mg/l	grab	Quarterly
Total Dissolved Solids	mg/l	grab	Quarterly
pH	pH units	grab	Quarterly
Oxidation-Reduction Potential	millivolts	grab	Quarterly
Groundwater Elevation	Feet, below ground surface (bgs)	In situ	Quarterly
Dissolved Oxygen	mg/l	grab	Quarterly
Major Anions (chloride, sulfate, nitrate, nitrite, sulfide, phosphate, carbonate)	µg/l	grab	Quarterly
Major Cations (Calcium, magnesium, potassium, sodium)	mg/l	grab	Quarterly
Methane, Ethene, Ethane, Carbon Dioxide	mg/l	grab	Quarterly

* µg/l - micrograms per liter
 mg/l - milligrams per liter

All groundwater monitoring reports must include, at minimum, the following:

- Well identification, date and time of sampling;
- Sampler identification, and laboratory identification;
- Quarterly observation of groundwater levels, recorded to 0.01 feet mean sea level and groundwater flow direction.

IV. REMEDIAL PLAN QUARTERLY PROGRESS REPORTS

The Regional Board Remediation Section requires Quarterly Progress Reports (QPRs) from the Discharger. The QPRs are to describe the Discharger's efforts and overall status in meeting the Remedial Plan as approved for former Test Site 2. The QPRs include most of the monitoring data required above and other monitoring data which is beyond the scope of this monitoring program.

V. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the ____ day of _____ at _____.

_____(Signature)

_____(Title)"

VI. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

Playa Capital Company, LLC
Former Test Site 2, Playa Vista Project
General WDR Order No. R4-2002-0030 (Series No. 032)
Monitoring and Reporting Program No. CI-8609

SLIC No. 0773

VII. PUBLIC DOCUMENTS

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by:

Dennis A. Dickerson
Executive Officer

Date: July 15, 2003

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